

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 40 AND CHESAPEAKE BLVD/AUTOMOTIVE BLVD. IN CECIL COUNTY. US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

THE MODIFICATIONS CONSIST OF THE ADDITION OF EXCLUSIVE-PERMISSIVE LEFT TURN PHASES ON US 40 AND THE ADDITION OF A FULL WIDTH RIGHT TURN LANE ON CHESAPEAKE BLVD.

THE INTERSECTION WILL BE CHANGED TO OPERATE IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE.

MR. ROBERT KIEL ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 810-3240	MR. TERRY WRIGHT ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 810-3250
MR. BARRY CLOTHIER ASSISTANT DISTRICT ENGINEER - UTILITIES (410) 810-3275	

MR. RICHARD DAFF, SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MS. DARLENE EIDE SUPPLY OFFICE SIGNAL SHOP WAREHOUSE (410) 787-7668
MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS (410) 787-7652	

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND
INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE
CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

<u>QUANTITY</u>	<u>DESCRIPTION</u>
LS	MAINTENANCE OF TRAFFIC
200 LF	5 INCH HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
40 LF	24 IN. WHITE HEAT APPLIED WHITE THERMOPLASTIC PAVEMENT MARKINGS
18 EA	12 INCH LED SIGNAL HEAD SECTION
6 EA	8 INCH LED SIGNAL HEAD SECTION
LS	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT
2 EA	VIDEO DETECTION CAMERA AND CABLE
375 LF	ELECTRICAL CABLE 7 - CONDUCTOR (NO. 14 A.W.G.)
2 EA	R3-7R SIGN (30" X 30") GROUND MOUNT
30 LF	4 IN. X 4 IN. WOOD SUPPORT
1 EA	RELOCATE EXISTING GROUND MOUNTED SIGN
1 EA	R3-5R SIGN (30" X 36") MAST ARM MOUNT

C. EQUIPMENT TO BE REMOVED BY SHA FORCES.

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
NONE		

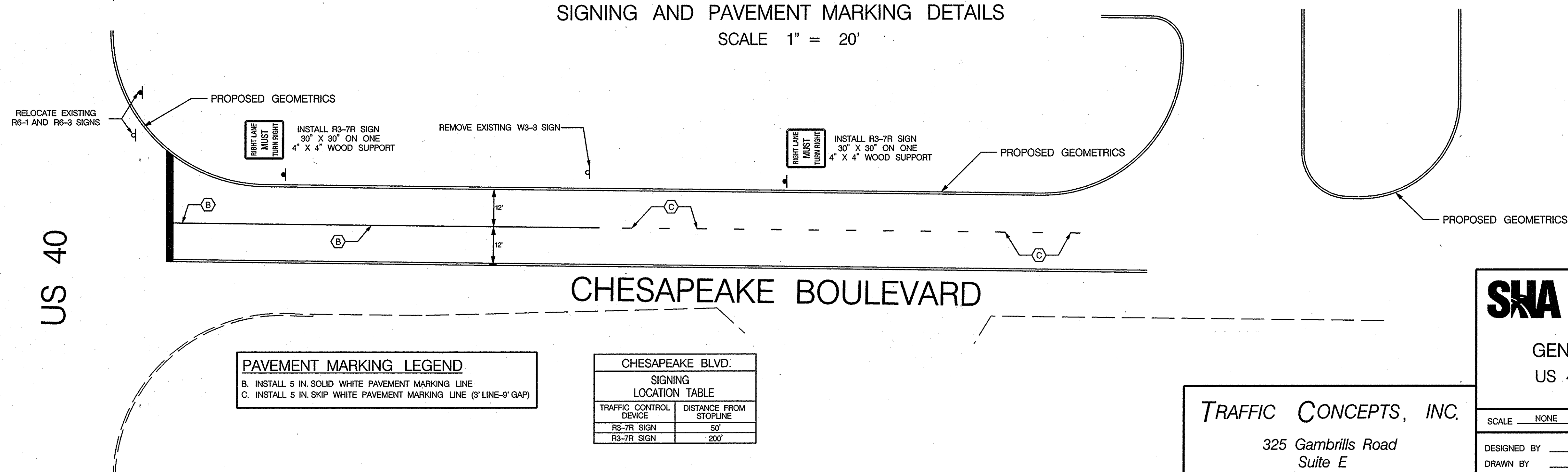
	1	2	3	4	5	6	7	8	9	10
PHASE 1 & 5										
1 & 5 CHANGE										
PHASE 1 & 6										
1 & 6 CHANGE										
PHASE 2 & 5										
2 & 5 CHANGE										
PHASE 2 & 6										
2 & 6 CHANGE										

WIRING DIAGRAM

WIRING KEY

- A-B - VIDEO DETECTION CABLE TO CONTROLLER (250 FT.)
- C-D - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- PS - POWER SERVICE
- EC - EXISTING CABLE TO REMAIN
- EX - EXISTING DEVICE TO REMAIN

SCALE 1" = 20'



TRAFFIC CONCEPTS, INC.

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN

US 40 AND CHESAPEAKE BLVD.
/AUTOMOTIVE BLVD.

SCALE NONE DATE 7-8-08 CONTRACT NO. BW996M82

DESIGNED BY	<u>M.R. \ S.R.</u>	COUNTY	<u>CECIL</u>
DRAWN BY	<u>M.R.</u>	LOGMILE	<u>07004017.17</u>
CHECKED BY	<u>S.R.</u>	T.I.M.S. NO.	<u>J-006</u>
F.A.P. NO.	<u>NA</u>	TOD NO.	<u></u>

DRAWING NO. TS-4319 B GI	SHEET NO. 2 OF 2
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